

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077861.D
 Acq On : 24 May 2023 18:43
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:44:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	393903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	710395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	264210	44.828	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.660%		
35) Dibromofluoromethane	8.171	113	221028	47.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.420%		
50) Toluene-d8	10.577	98	870053	48.796	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.859	95	290066	46.062	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.120%		
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.512	96	4730m	0.848	ug/l	
44) Trichloroethene	9.359	130	32854	6.489	ug/l	98
86) p-Isopropyltoluene	13.729	119	6872	0.457	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

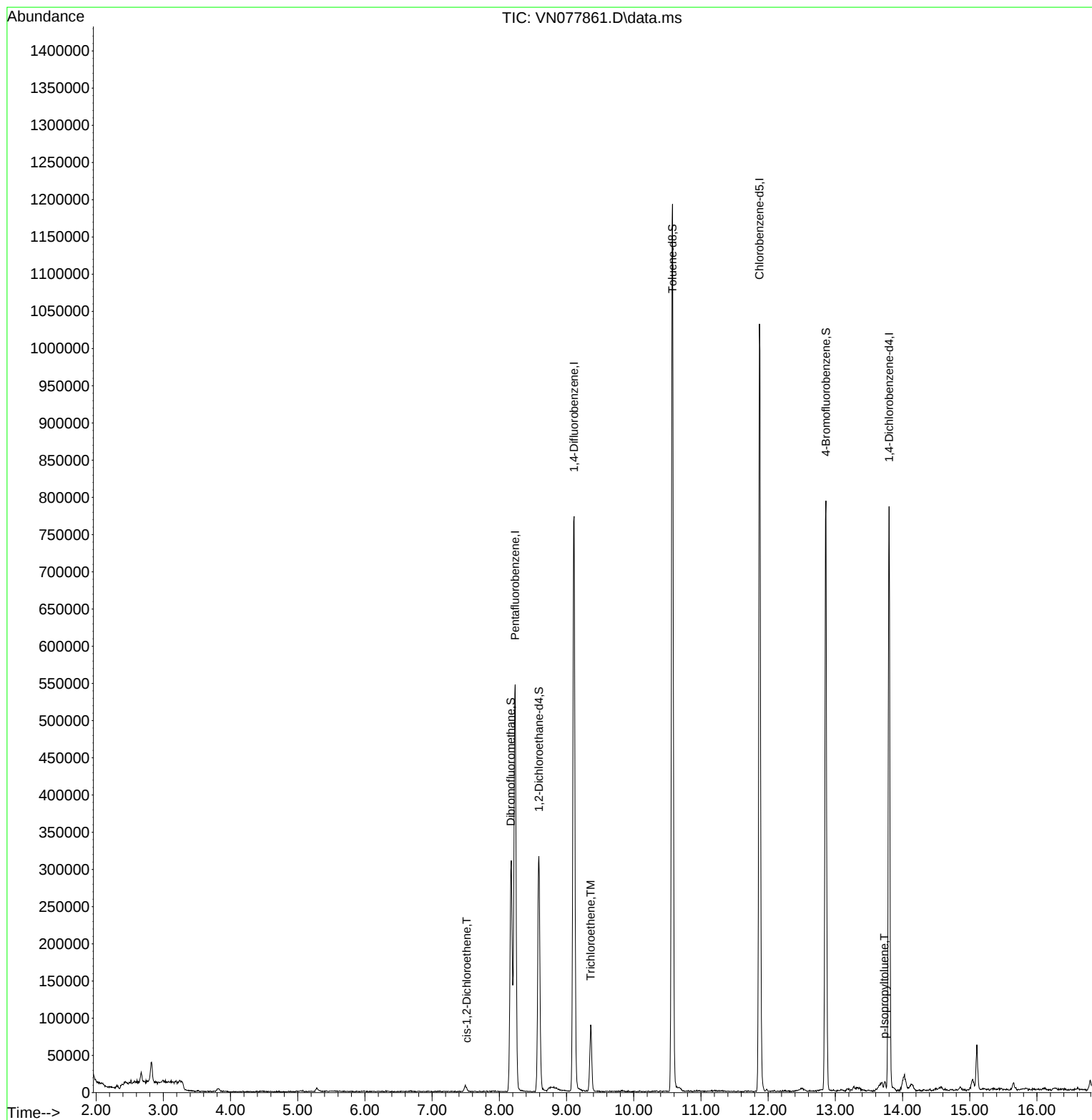
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
Data File : VN077861.D
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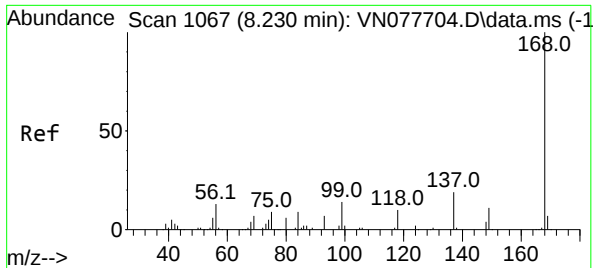
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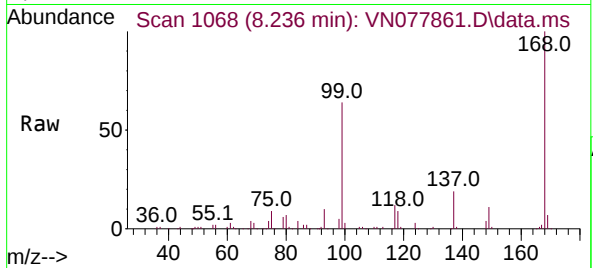
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

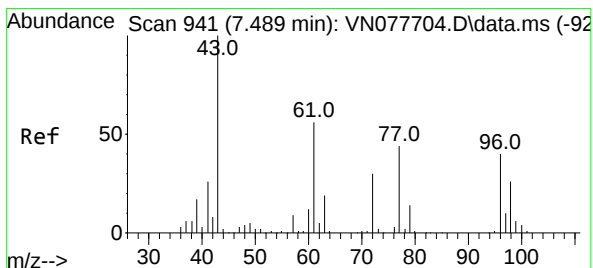
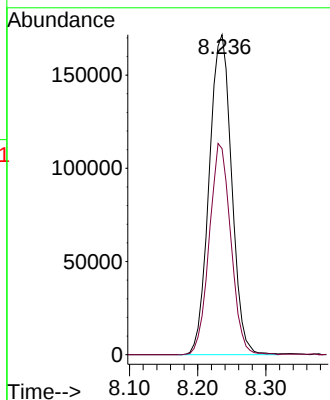
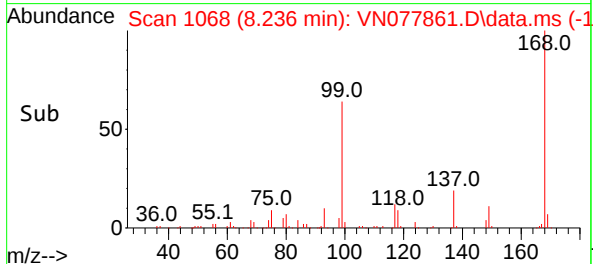
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



Tgt Ion:168 Resp: 39390
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6

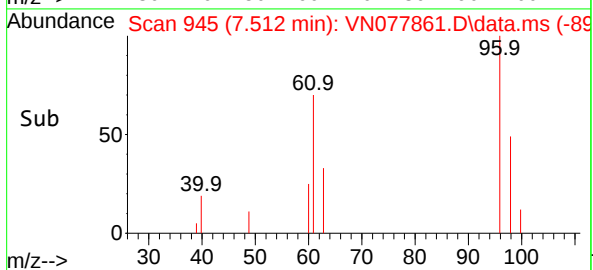
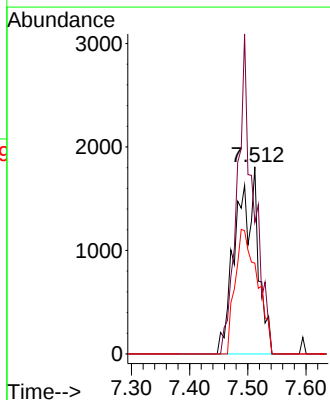
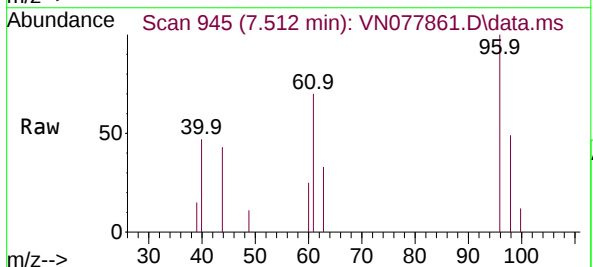
Manual Integrations
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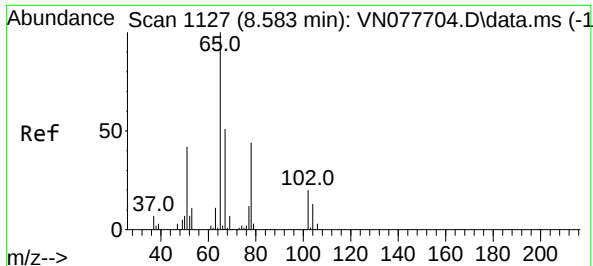
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#27
cis-1,2-Dichloroethene
Concen: 0.848 ug/l m
RT: 7.512 min Scan# 945
Delta R.T. 0.024 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Tgt Ion: 96 Resp: 4730
Ion Ratio Lower Upper
96 100
61 126.6 0.0 255.2
98 68.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 44.828 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077861.D

Acq: 24 May 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

Tgt Ion: 65 Resp: 264210

Ion Ratio Lower Upper

65 100

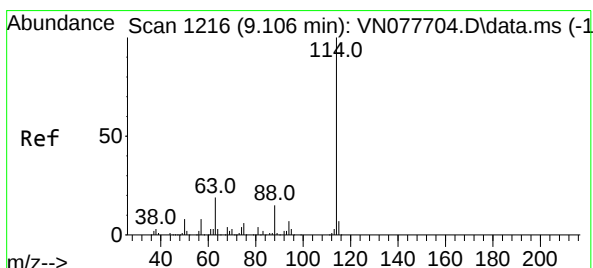
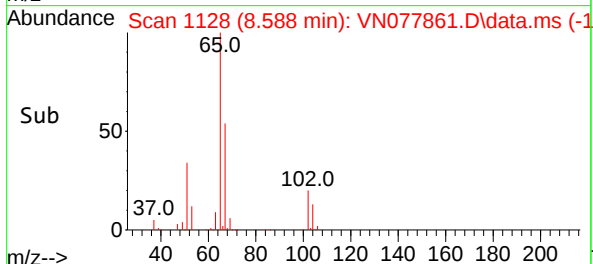
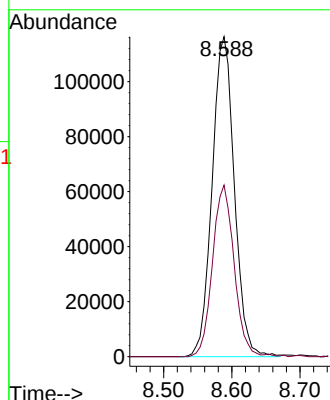
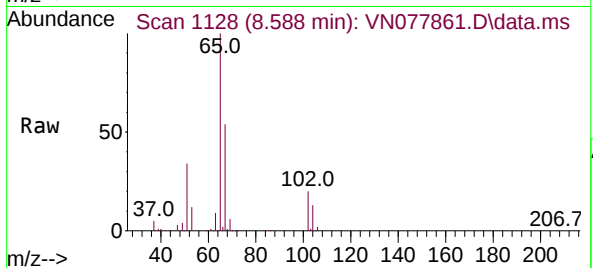
67 52.3 0.0 106.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077861.D

Acq: 24 May 2023 18:43

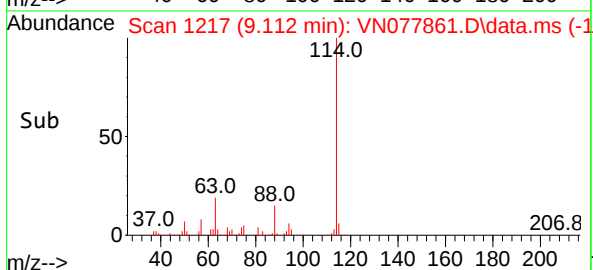
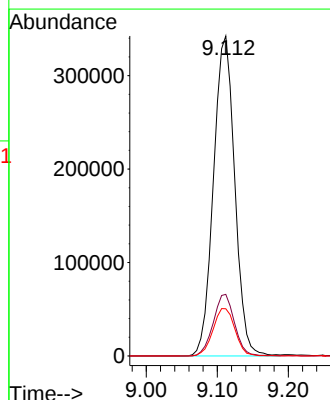
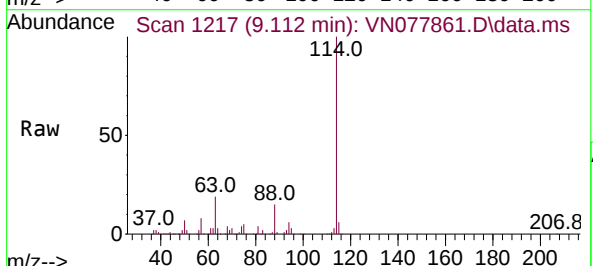
Tgt Ion:114 Resp: 710395

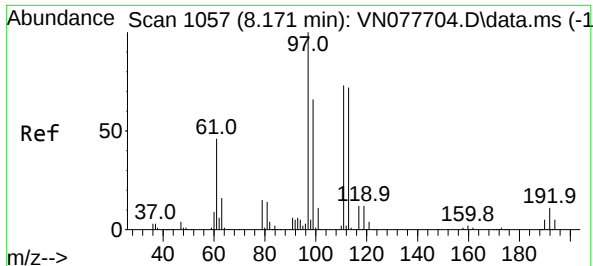
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.713 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077861.D

Acq: 24 May 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

Tgt Ion:113 Resp: 221028

Ion Ratio Lower Upper

113 100

111 105.4 82.6 123.8

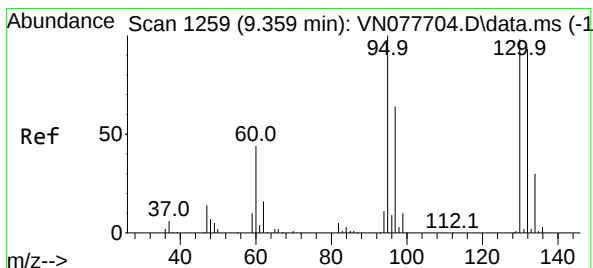
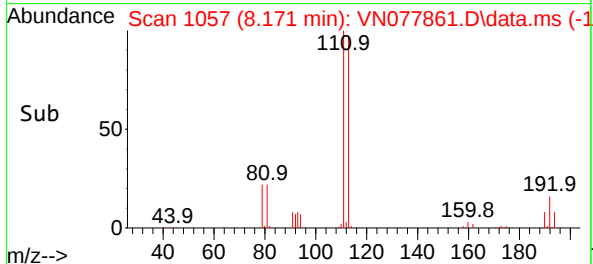
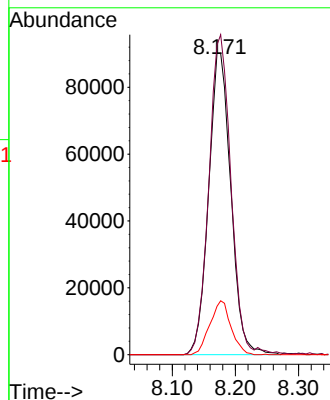
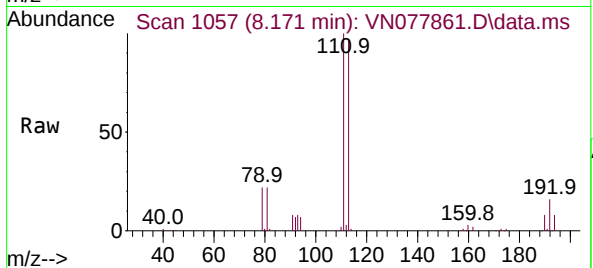
192 16.9 12.7 19.1

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Supervised By :Mahesh Dadoda 05/25/2023



#44

Trichloroethene

Concen: 6.489 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN077861.D

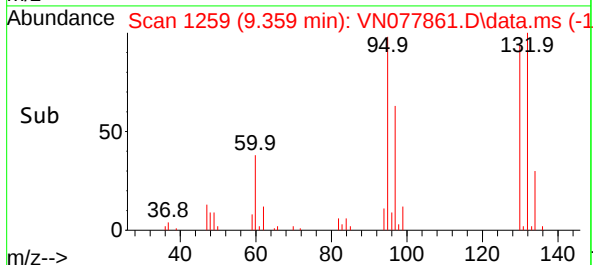
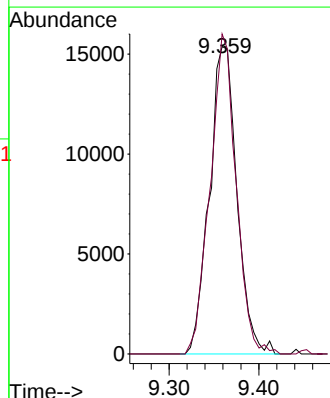
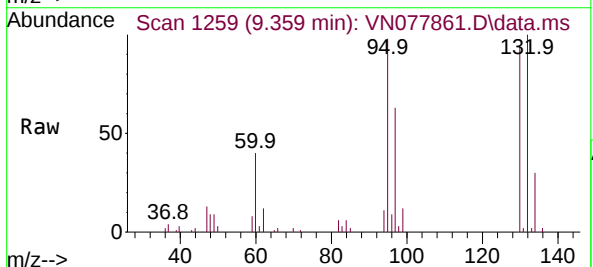
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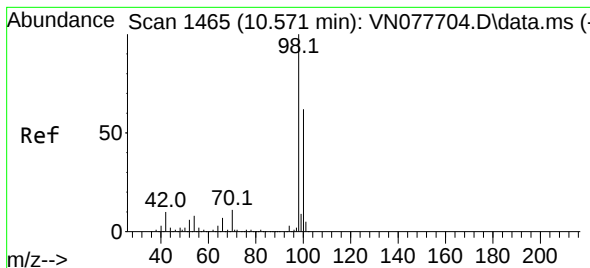
Tgt Ion:130 Resp: 32854

Ion Ratio Lower Upper

130 100

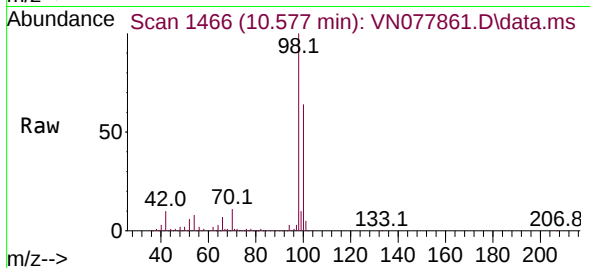
95 104.1 0.0 204.6





#50
Toluene-d8
Concen: 48.796 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

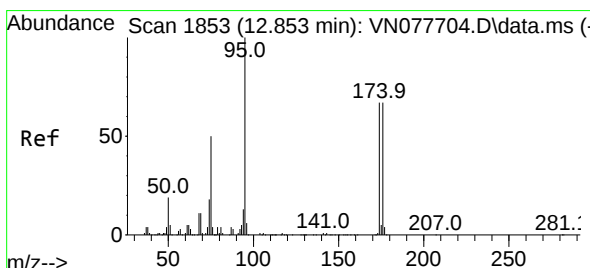
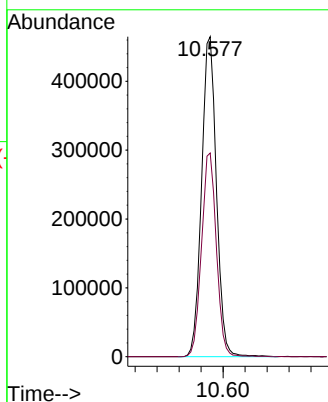
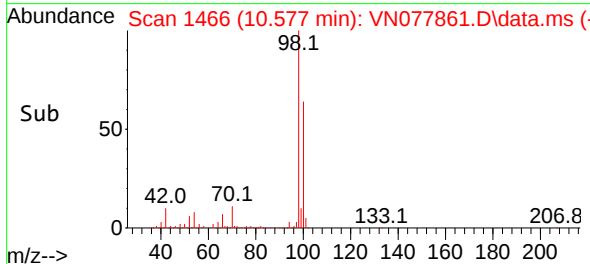
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



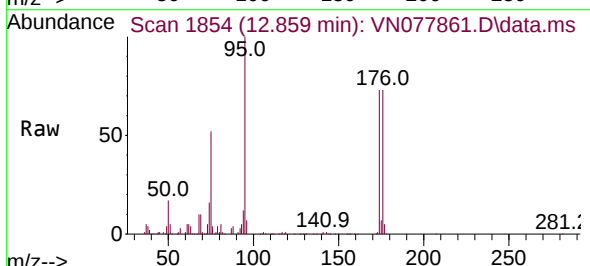
Tgt Ion: 98 Resp: 87005
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

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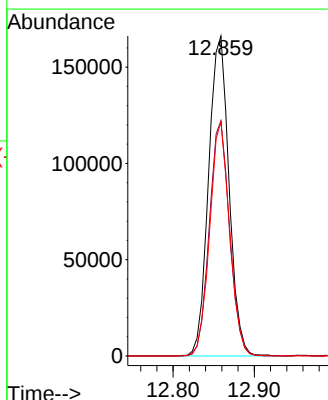
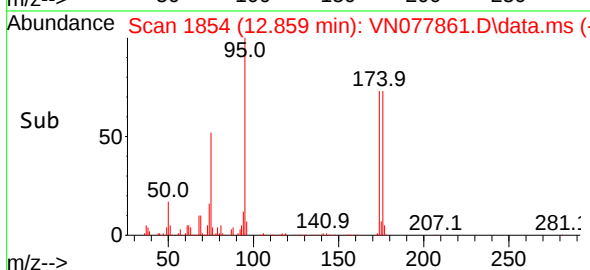
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

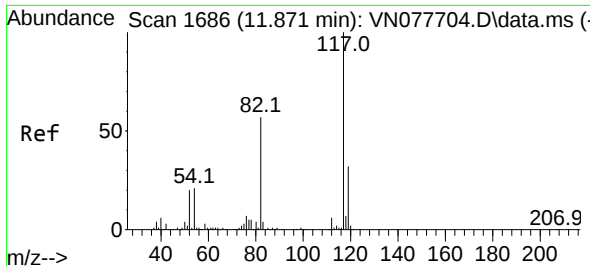


#62
4-Bromofluorobenzene
Concen: 46.062 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43



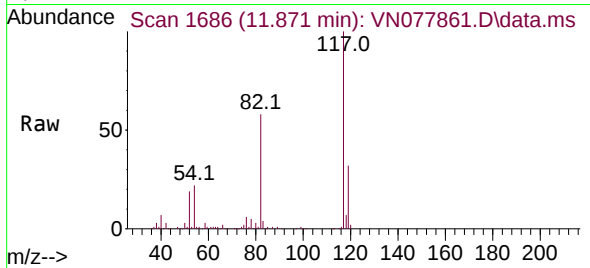
Tgt Ion: 95 Resp: 290066
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 71.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

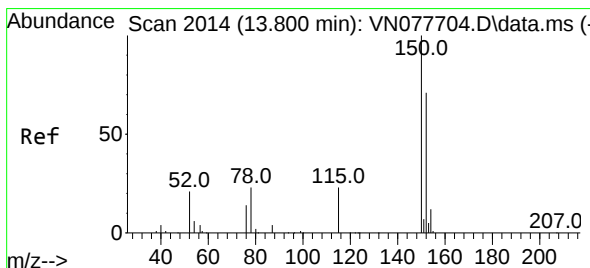
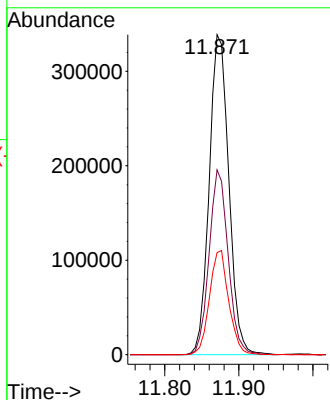
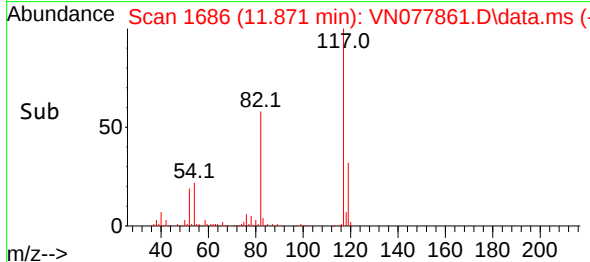
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



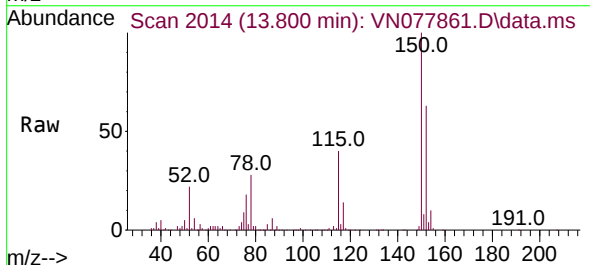
Tgt Ion:117 Resp: 62247
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 31.9 25.6 38.4

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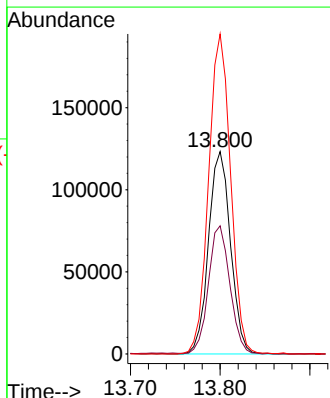
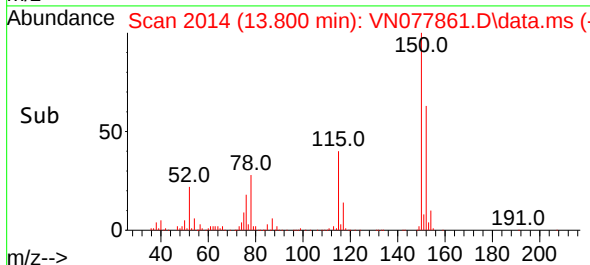
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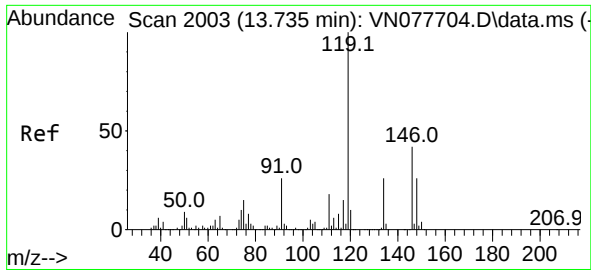


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43



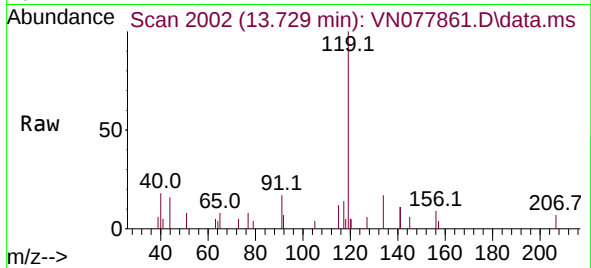
Tgt Ion:152 Resp: 209935
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 157.9 0.0 355.8





#86
 p-Isopropyltoluene
 Concen: 0.457 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN077861.D
 Acq: 24 May 2023 18:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK



Tgt Ion:119 Resp: 6872
 Ion Ratio Lower Upper
 119 100
 134 22.1 12.6 37.8
 91 26.9 12.4 37.2

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